

October 20, 2003

Project 184 Weekly Update

Summary of Environmental Planning and Compliance Activities
For Project 184
Week Ending October 17, 2003

Best Management Practices/SWPPP:

Camp 5 crews have surveyed all open permit areas to determine the amount of Storm Water protection required. Materials are on order and we are preparing for changing weather. Plum creek spoils area will be cleaned up and ready for weather by end of this week.

Mill to Bull Tunnel

EN2 prepared a suggested letter from the District to the USFS regarding the scope of access road maintenance and restoration work this Fall and next year, including a request to extend the USFS Road Use Permit for one year past the December 31, 2003 current expiration. Coordinated with District staff on plans over the next 2-3 weeks on the access road to Flumes 29/30 and on the Alder tunnel spoils transfer yard restoration/access road.

Canal Bench Restoration

On October 15, 2003, District, USFS and EN2 Resources representatives participated in an inspection of erosion control measures, bat door installation, and materials transfer and staging area work remaining for the Canal Bench Restoration Project contractor.

Mill Creek Bore Hole (Diversion Tie-In to Mill to Bull Tunnel)

District counsel provided EN2 comments on administrative Draft Initial Study/Proposed Negative Declaration for bore hole project. The deadline for remaining comments was extended to October 24.

Lake Aloha Telemetry and Dam Maintenance

EN2 received and incorporated comments from the District on the administrative Draft Project Description for Lake Aloha project. EN2 worked with Jake Eymann to complete revisions and then with District administrative staff to distribute revised document to USFS, SWRCB, RWQCB, CDFG and FERC staff for comment in advance of the scheduled October 29 field visit. A Cultural Resources consultant needs to be retained to perform a field historic properties evaluation this fall before winter so that subsequent agency consultation can be completed in advance of needed approvals by summer 2004.

El Dorado Powerhouse Water Quality Monitoring

EN2 coordinated with SMUD and District staff on plans to install continuous monitoring equipment and share with SMUD data collected on turbidity in vicinity of Akin Powerhouse. A meeting with SMUD staff was tentatively scheduled for October 22 at SMUD's Fresh Pond offices.

Noxious Weed Training for Camp 5 Crews

USFS and EN2 Resources coordinated regarding the planned information/training workshop for Camp 5 crews on October 22. The training will enable a District designated representative (Steve Lindstrom) to inspect and document compliance for District O & M activities on USFS lands.

Alder Creek Spoils Handling Site Restoration:

Subject to board approval today this work will begin later this week and is expected to take three weeks to complete.

Powerhouse Update:

Unit # 1 and Unit # 2 have undergone bearing and shaft cleaning after excessive heat and vibration was encountered in the commissioning process. The crew has been working 7 days a week 24 hours a day to keep on schedule. On Sunday we were able to complete the assembly of Unit # 2 and will continue with full commissioning of this unit on Tuesday, October 21, 2003. Unit # 1 bearings were removed on October 18, 2003 and shipped to the machine shop to remove corrosion were shaft rested on bearings for a year and a half. Unit # 1 is expected to be re-assembled barring no other issues by October 28, 2003.

Canal and Lakes:

The canal is being patrolled three times a week and someone is on the canal daily. No major problems have been found which would prevent the canal to be filled to its capacity.

The platform at A-12 has been rebuilt. The platform is used to access the cable car for gauging the river flows.

GoodFellow Construction is finishing up their work on restoring the canal bench. There are small items along the project that need finishing up and the seeding done this week. The concrete sections of flume are being hauled from the staging area to Sierra Pacific Industries property at Plum Creek. This part of the project will take 3 weeks. Use caution when using the Plum Creek road due to the heavy truck traffic. Working on SWPPP this week.

EID crews are work at the Staging areas dismantling the old flume and structures, which were located on the canal bench. The reusable material is being hauled to Camp #5 and stock piled, the trash is being hauled to a landfill.

EID and Larry Taylor, from the U.S. Forest Service have meet to review the work that is planned to the Camp #2 Short Cut road. Due to the amount of work required and the lateness of the season it was agreed to do the work in the spring of 2004. EID is sending a letter describing the work agreed to and timetable of completion.

Plans and a schedule are being drawing up to repair or replace the conduit and tunnel at Echo Lake. The slumps and rock fall, which has occurred in the tunnel, have been surveyed and plans are being made to repair them. Safety fence has been installed around the areas of concern.

EID is doing engineering and getting bids on the slide between Flumes 6 and 7. The plan is to fly a drill rig in and set it below the canal. Horizontal drains would be installed to relive the water pressure against the canal section. Flights will be from the Lower Portal of Alder Creek and Flumes 6 and 7. No date has been set for repairs.

EID is releasing .262 cfs from Echo Lake-to-Lake Tahoe this week and 13.1 cfs through the conduit into the South Fork of the American River. SCADA monitors the flows and the high and low alarms are set for any problems. In addition, the system will be patrolled on a daily basis.

A letter has been sent to Sierra Pacific Industries requesting permission to install a gate on the access road into Flumes 39 & 40. The work on repairing the slide is processing and the replacing of the generator has taken place. It was noted that there was several stringers that were rotted under the flume and decided to replace them while the crew was in the area. The repairs should be done this week.

The material for the Alder Creek Diversion Dam was flown to the job site the week of October 06, 2003. The work includes changing the sluice gate, repairing the grizzly gate, repair work on the upstream face of the diversion structure and moving some rocks off the side of the flow channel. The repairs will require welding and cement based grout work. All work will be done in compliance with our Stream Alteration Agreement. Fire fighting equipment will be on site during the work, including Pulaski, shovels, dry chemical fire extinguishers, backpack pumps, and a gas pump with fire hose. We will have a fire watch and abide by any fire restrictions in effect at the time.

Permits have been acquired for the rip rapping of the Caples Lake Main Dam. EID is acquiring rock from the site at Tragedy Springs, which should help put to rest any concerns about noxious weeds. Work should start this week

When Silver Lake is drawn down enough to open the radial gates, plans are to paint the gates and replace the concrete apron in the left groin. Work should start this week.

EID is working closely with the proper agencies to acquire permits for Lake Aloha Dam to install a telemetry station and make repairs to the dam, planed for the fall of 2004. There is an inspection trip planed for October 29,2003 including EID and the Forest Service.

A visit was made October 17, 2003 to Lake Aloha.
Staff 5.64 = 29.5 af

Listed below are the Projects readings for October 20, 2003, taken from SCADA:

	Staff	Ac. Ft.	Draft
Echo Lake	1.87	590	15cfs
Echo Conduit	2.25		15 cfs
Echo Creek	1.36		.370 cfs
Caples Lake	55.22	18,582	12.8 cfs
Silver Lake	12.58	3,991	27.5cfs
Pyramid Creek	1.24 = 2.28cfs		

There is 28 cfs being released into the canal at Intake and 47.6 cfs flowing in the South Fork of the American River at Intake.

A-17 Forebay Storage 3798.26 = 319 ac. ft.

A-18 EID Irrigation Usage 20 cfs.

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